ABSTRACT

An auxiliary line created on a computer is displayed on a user interface screen , and is projected onto a curved screen by a projector.   The

5   user adjusts real numbers substituted into variables of an approximate expression held in the computer for drawing auxiliary line to transform the auxiliary line drawn on the user interface screen for a correction such that the auxiliary line in the image projected from the projector through a video cable approaches to a straight line.   If this correction causes the auxiliary

10   line to extend beyond the screen of a display, the computer scales down the current user interface screen, and creates a virtual correction area therearound, so that the auxiliary line can be fully displayed within the screen.